Work Order I	ID 63150 21, 2010 3:53:24 PM									I	Page 1
Revision ID: Item Name: Hel Start Date: 10/ Required Date: 10/	05-633-017 li-Access-Step, Standard Low Gear /21/2010	\	Accept	Cust Item I			S S	_	Start	18418 1914 1814 18418 1848 184	
	rocess Plan:	Date: 0/0-32	Tooling: _ SPC (Y/N):		nte:		ŀ				
Sequence ID/ Work Center ID	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Rejec Qty		ect Insp nber Sta	
Draw Nbr D205-633	Revision Nbr Rev B		0.00				20				
DC Document Control	DOCUMENT CONTRO Memo Photocopy b	luefile and create labels per	0.00	CHG001 & 101	u (&		*	-dor	·BG	10-1	1-04
110 Packaging Packaging	Pick Kit Memo		0.00				(d] [4][<u>//</u>	2	
120 QC	QC4- 100% Inspect kits Memo	for completeness	0.00	olu)is			42	<u> </u>			

Quality Control

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W/O:			W	ORK ORDER CHA	ANGES					······································
DATE	STEP	PRO	PROCEDURE CHANGE			,	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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			,.							
Part No		PAR #:	Fault Cat	tegory:	NCR: Y	es N	o DQ	A:	Date: _	
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NCR:		V	VORK ORI	DER NON-CONFO	RMANCE (N	CR)				
DATE	STEP	Description of NC	Corrective Action		Section B Ve			Verification Approv		Approval
	0121	Section A	Initial Chief Eng	Action Descript Chief Eng		gn & ate	Secti	on C	Chief Eng	QC Inspector
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Work Order ID 63150

Required Date: 10/28/2010

Thursday, October 21, 2010 3:53:24 PM



Page 2

Item ID:

D205-633-017

Accept

Setup Start

Stop



Revision ID:

Item Name:

Heli-Access-Step, Standard Low Gear

Start Date:

10/21/2010

QC:

Start Oty: 2.00 Req'd Qty: 2.00

Cust Item ID:

Tool ID

Customer:

Reference:

Approvals:

Process Plan:

Date:

Date:_____

Tooling:

SPC (Y/N):

Date:

Tool # Plan

Code

Qty

Date:

Run Start

Stop

Sequence ID/

Work Center ID

130

Packaging

Packaging

Operation

Packaging

Set Up/ Description **Run Hours**

0.00

0.00 Memo Identify and pack for shipping as per PPP D205-633-017

Location:

140

QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

Reject Accept Reject Qty

Number

Insp. Stamp

W/O:		WORK ORDER CHANGES										
DATE	STEP	PROCEDURE CHANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
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Part No:		PAR #:	Fault Ca	tegory:	_ NCR: Ye	s No D	QA:	Date: _				
			Disposit	Disposition:			QA: N/C Closed:					
NCR:		V	WORK OR	DER NON-CONFORMA	NCE (NC	R)						
DATE	STEP	Description of NC			on B		ification	Approval	Approval			
		Section A	Initial Chief Eng	Action Description Chief Eng	Sigr Da		ection C	Chief Eng	QC Inspector			
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Picklist Print Thursday, October 21, 2010 3:53:29 PM Work Order ID: 63150 Parent Item: D205-633-017 Parent Item Name: Heli-Access-Step, Standard Low Gear **Required Date:** 10/28/2010 Start Date: 10/21/2010 Start Qty: 2.00 Required Qty: 2.00 **Comments:** IPP Rev:A□04.05.10□New Issue□KJ/JLM Component Item ID/ Replacement Mfg/ **Primary** Last Qty on Bin Route Unit of Qty per Kit Qty Total Date Item Name Location Item ID Item Location Seq ID Measure Hand Purch Issued Issued Qty AN4-14A Purchased No 110 Each 187.0000 2 72 Bolt Location Loc Qty Loc Code ST357 171 114752 115371 70 M11 5936 115936 100 ST358 16 16 113359 AN4-5A Purchased No 110 276.0000 Each Location Loc Qty Loc Code ST356 276 115016 100 M115767 115767 76 115936 100 AN4-6A Purchased No 110 1,026.000 Each [1 1 July (2)

Location	Loc Qty	Loc Code	
ST356	1026		
112933	96		
113149	17		
115108	213		M1
115457	500		
115936	200		

Page 1

Status

W/O:		WORK ORDER CHANGES											
DATE	STEP	PROCEDURE CHANGE			В	у	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
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Part No	:	PAR #:	Fault Ca	tegory:	NCR:	Yes N		Date:					
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NCR:		V	ORK OR	DER NON-CONFORM	ANCE (I	VCR)							
DATE	STEP	Description of NC	Corrective Action Initial Action Descrip		Section B		Verification		Approval	Approval			
		Section A	Chief Eng	Action Description Chief Eng		Date	Section	1 C	Chief Eng	QC Inspector			
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Work Order ID: 63150

Parent Item:

D205-633-017

Parent Item Name: Heli-Access-Step, Standard Low Gear



Start Date: 10/21/2010

Required Date: 10/28/2010

Start Qty: 2.00

Required Oty: 2.00



Purchased

No

110

Each

167.0000

Loc Code

Loc Code

AN5-14A	
Sa Bolt	
Bolt	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

Purchased

No

Location Loc Oty ST356 167 113226 117 115373 50 110

Each 141.0000

1/1/3226

	AN5-6A
C_{α}	
OPL	\(\text{1001011 } \text{101101 } \text{501 } \text{61 } 61
•	Bolt

Purchased

No

Location Loc Qty ST337 134 115429 26 ST338 7 112489 7 110

110

Each 24.0000





NAS1149D0463J Purchased

No

Loc Qty 24 24

Each

Loc Code

24.0000



Location	
ST300	
	113288

Location

112243

ST337

Loc Qty 24 24 Loc Code

W/O:		WORK ORDER CHANGES										
DATE	STEP	PROCEDURE CHANGE				Da	te Qty	Approval Chief Eng /	Approval QC Inspector			
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Resolution: Disposition:			ion:	_ QA: N/C	Closed	1 :	Date: _					
NCR:		\	WORK OR	DER NON-CONFORMA	ANCE (NO	CR)						
DATE	CTED	Description of NC	Description of NC		Corrective Action Section B			Approval	Approval			
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sigı Da	n &	/erification Section C	Chief Eng	QC Inspector			
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Work Order ID: 63150

Parent Item:

D205-633-017

Parent Item Name: Heli-Access-Step, Standard Low Gear



Start Date: 10/21/2010

Required Date: 10/28/2010

Start Qty: 2.00

Required Qty: 2.00



ullasea									

No

Location

Location

ST005

No

No

110 Each 34.0000

Loc Code

	•
]	D2021-101
) +2	Byebolt

Fleyebolt		
Fyebolt .		

D2022-101

Manufactured No

Manufactured

Manufactured

51		
	103694	
	107534	
	109287	

59808

4 110 Each

Loc Qty

13 13

Each

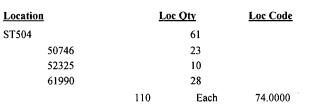
Loc Oty

34 18 12

13.0000



Loc Code 61.0000



110



Spacer	

D2022-103

Location ST004 47964 Loc Qty 74 74 Loc Code

le 1411 46)

W/O:			W	ORK ORDER CHANGES	6				•		
DATE	STEP	PRO					Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
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1											
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NCR:		V	WORK ORD	ER NON-CONFORMAN	CE (NCI	₹)					
DATE	STEP	Description of NC	Corrective Action Section B		Verification			Approval	Approval		
	J.L.	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date	Section C				Chief Eng	QC Inspector
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Work Order ID: 63150

Parent Item:

D205-633-017

Parent Item Name: Heli-Access-Step, Standard Low Gear



Location

Location

ST259

58620

ST264

Start Date: 10/21/2010

Required Date: 10/28/2010

Start Qty: 2.00

Required Qty: 2.00

D2562-007

D2563 Step Weldment Assembly

D2565-401

D2565-403

TV Strut

D2565-405

Strut

Manufactured

Manufactured

Manufactured

Manufactured

Manufactured

No

No

No

No

No

110

110

110

Each

2

2

Each

Each

Loc Qty

2.0000

Loc Code

0.0000

1.0000

Loc Code

Loc Code

Location Loc Qty ST259 58621 110 Each

110

1.0000

Each

1

Loc Qty

Loc Qty

1.0000

Location ST259 58623

58622

Loc Code

	•									
W/O:			W	ORK ORDER CHANG	ES					
DATE	STEP	PRO	OCEDURE CHA	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	:	PAR #:	Fault Cate	egory:	_ NCR	: Yes	No DQ	\ :	Date:	
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DATE STEP	Description of NC	Description of NC Corrective Action		verille			ation	Approval	Approval	
DAIL	SILF	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Secti	on C	Chief Eng	QC Inspector
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Work Order ID: 63150

Parent Item:

D205-633-017

Parent Item Name: Heli-Access-Step, Standard Low Gear



Start Date: 10/21/2010

Required Date: 10/28/2010

Start Qty: 2.00

Required Qty: 2.00

D2565-407

Manufactured No

110

Each

1.0000

Loc Code

Loc Code

62787 16

Manufactured No Location Loc Qty ST259 58624 110

Each

17.0000

	•
D2565-411	
	Han and his and han and had been a

D2565-409

Manufactured No

Purchased

Location Loc Qty ST259 17 47831 47899 110

9 8 Each

Loc Qty

1.0000

ST259 58625

No

Location

110 Each Loc Code

3,253.000

Location	Loc Oty	Loc Code
ST300	3253	
113422	68	
114523	8	
114718	16	
114784	32	
115108	129	
115589	1900	
115621	1100	

W/O:			W	ORK ORDER CHANG	iES				
DATE STEP	STEP	PRO	OCEDURE CH	ANGE	By Date Qty Approval Chief Eng / Prod Mgr QC II			Approval QC Inspector	

Part No):	PAR #:	Fault Cat	egory:	_ NCR: Yes	No DQ	A:	Date: _	
_			Dispositi	on:	QA: N/C Closed: Date:				
NCR:		,	WORK OR	DER NON-CONFORM	ANCE (NC	R)		u ,±/	
DATE	STEP	Description of NC			tion B	Verifi	Verification	Approval	Approval
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Picklist Print

Thursday, October 21, 2010 3:53:29 PM

Work Order ID: 63150

Parent Item:

D205-633-017

Parent Item Name: Heli-Access-Step, Standard Low Gear



Start Date: 10/21/2010

Required Date: 10/28/2010

Page 6

Start Qty: 2.00

Required Qty: 2.00



Purchased No 110

Each 830.0000

Location		Loc Qty	Loc Code	
ST139		26		
	114813	26		
ST300		804		
	115156	304		M1/0/56
	115594	500		

Dart Ae	rospace	Ltd									
W/O:			W	ORK ORDER CHANG	GES				•		
DATE	STEP	PRO	OCEDURE CH	ANGE	Ву	D	ate Q	ty Approval Chief Eng / Prod Mgr	Approva QC Inspector		
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Part No		PAR #:	Fault Cat	egory:	NCR: Y	es No	DQA: _	Date:			
	R	esolution:	Dispositi	on:	QA: N/C	Close	d:	Date:			
NCR:	:	\	WORK ORI	DER NON-CONFORM	ANCE (N	CR)					
D.475		Description of NC		ction B		Verification	on Approva	Approval			
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng		ign & Section C					QC Inspecto
					:						
					ŀ						

DART AEROSPACE LTD.

REFERENCE ONLY

IIN-D205-633

Page 17 of 18

5.0 **PARTS LISTS**

5.1 D205-633-011/-013/-015/-017 Heli-Access Step

QTY	QTY	QTY	QTY				
-011	-013	-015	-017	Part Number	Description		
Х				D205-633-011	Heli-Access-Step™,	High Gear	
	Х			D205-633-013	Holi-Access-Sten M	Extended High Gear (31")	
		Х		D205-633-015	Heli-Access-Step™,	Extended High Gear (39")	
			Х	D205-633-017	Heli-Access-Step™,	Standard Low Gear	
1			.1	D2021-101	EYEBOLT		
2	2	2	2	D2022-101	SPACER		
2	2	2	2	D2022-103	SPACER	_	
1				D2562-001	STRUT		
		1		D2562-005	STRUT		
			1	D2562-007	STRUT		
	11			D2562-013	STRUT		
1	1	1	1	D2563 f	WELDMENT ASSEM	BLY ,	
1				D2565-101	STRUT		
11				D2565-103	STRUT		
1				D2565-105	STRUT		
1				D2565-107	STRUT		
1				D2565-109	STRUT		
1				D2565-111	STRUT		
	111			D2565-201	STRUT		
	1			D2565-203	STRUT		
	1			D2565-205	STRUT		
	1			D2565-207	STRUT		
	1			D2565-209	STRUT		
	1			D2565-211	STRUT	<u> </u>	
		1		D2565-301	STRUT		
		11		D2565-303	STRUT		
		1		D2565-305	STRUT		
		1		D2565-307	STRUT		
		1		D2565-309	STRUT		
			1_1_	D2565-401	STRUT		
			1	D2565-403	STRUT		
			1	D2565-405	STRUT		
			1 1	D2565-407 /	STRUT		
			1	D2565-409 D2565-411	STRUT STRUT		
 		1	1	D3165-1	SUPPORT ARM		
}			-	ו-נטונט	SUFFUNT ARM		
1	1	1		AN44-7A	EYEBOLT		
2	1	1	2		BOLT		
2	3	3	2	4414.04	BOLT		
2	2	2	2、	AN4-6A &	/BOLT		
1	1	1	1	AN4-14A	BOLT		
- ' 	1	1	<u> </u>	AN4-14A AN4-10A	BOLT		
1		'	1	AN5-6A	BOLT		
1	1	1	1	AN5-14A /	BOLT		
15	16	16	15	AN960JD416	WASHER		
4	4	4	4	AN960JD516	WASHER		
8	8	8	8	MS21042L4	NUT (or MS21042-4)		
2	2	2	2	MS21042L5	NUT (or MS21042-5)		
				IVIOL TOTALS	1101 (01 W021042-0)		

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